

Title (en)

Process for the production of nano-fibrillar cellulose suspensions

Title (de)

Verfahren zur Herstellung von nano-fibrillären Zellulosesuspensionen

Title (fr)

Procédé pour la production de suspensions de cellulose nano-fibrillaire

Publication

EP 2808440 B1 20190814 (EN)

Application

EP 14175471 A 20090330

Previously filed application

09156683 20090330 EP

Priority

- EP 14175471 A 20090330
- EP 09156683 A 20090330

Abstract (en)

[origin: EP2236664A1] The present invention relates to a process for the production of suspensions of nano-fibrillar cellulose by providing cellulose fibres and at least one filler and/or pigment; combining the cellulose fibres and the at least one filler and/or pigment; and fibrillating the cellulose fibres in the presence of at least one filler and/or pigment, as well as the suspensions of nano-fibrillar cellulose obtained by this process and their uses.

IPC 8 full level

D21B 1/16 (2006.01); **D21C 9/00** (2006.01); **D21D 1/00** (2006.01); **D21H 11/00** (2006.01); **D21H 11/18** (2006.01)

CPC (source: CN EP KR US)

A61P 17/02 (2017.12 - EP); **D21B 1/16** (2013.01 - EP KR US); **D21C 9/00** (2013.01 - CN KR); **D21C 9/007** (2013.01 - EP KR US); **D21D 1/00** (2013.01 - EP KR US); **D21H 11/00** (2013.01 - CN KR); **D21H 11/16** (2013.01 - KR); **D21H 11/18** (2013.01 - EP KR US); **D21H 15/04** (2013.01 - KR); **D21H 17/67** (2013.01 - CN); **D21H 17/675** (2013.01 - CN KR US); **D21H 17/68** (2013.01 - CN EP); **D21H 15/04** (2013.01 - EP US); **Y02W 30/64** (2015.05 - EP)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2236664 A1 20101006; EP 2236664 B1 20151216; AR 075960 A1 20110511; BR PI1013180 A2 20160412; BR PI1013180 B1 20190702; BR PI1013180 B8 20190730; CA 2755493 A1 20101007; CA 2755493 C 20160628; CL 2010000279 A1 20110401; CN 102378839 A 20120314; CN 102378839 B 20161102; CN 106978748 A 20170725; CN 106978748 B 20190806; CO 6450680 A2 20120531; DK 2236664 T3 20160314; DK 2414584 T3 20200817; DK 2808440 T3 20190930; DK 3617400 T3 20221114; EP 2414584 A1 20120208; EP 2414584 B1 20200624; EP 2808440 A1 20141203; EP 2808440 B1 20190814; EP 3617400 A1 20200304; EP 3617400 B1 20220921; EP 3748070 A1 20201209; EP 3748070 B1 20230510; EP 4105380 A1 20221221; ES 2560455 T3 20160219; ES 2745638 T3 20200303; ES 2810048 T3 20210308; ES 2928765 T3 20221122; FI 3617400 T3 20221130; HU E026741 T2 20160728; HU E045496 T2 20191230; HU E050586 T2 20201228; JP 2012522145 A 20120920; JP 2015121010 A 20150702; JP 2017106151 A 20170615; JP 2019007127 A 20190117; JP 5666553 B2 20150212; JP 6392300 B2 20180919; JP 6434793 B2 20181205; JP 6810109 B2 20210106; KR 101734486 B1 20170511; KR 101855638 B1 20180504; KR 101920037 B1 20181119; KR 102098517 B1 20200408; KR 20120004478 A 20120112; KR 20170049629 A 20170510; KR 20180049175 A 20180510; KR 20180125048 A 20181121; MY 157010 A 20160415; PL 2236664 T3 20160630; PL 2414584 T3 20201116; PL 2808440 T3 20200131; PL 3617400 T3 20230102; PT 2236664 E 20160304; PT 2808440 T 20190930; PT 3617400 T 20221230; RU 2011143811 A 20130510; RU 2015109771 A 20151210; RU 2549323 C2 20150427; SI 2236664 T1 20160229; SI 2414584 T1 20201130; SI 2808440 T1 20191129; TW 201038788 A 20101101; TW I529279 B 20160411; UA 108985 C2 20150710; US 10301774 B2 20190528; US 10982387 B2 20210420; US 2012094953 A1 20120419; US 2014371172 A1 20141218; US 2019234017 A1 20190801; US 2021262164 A1 20210826; US 8871057 B2 20141028; UY 32533 A 20101029; WO 2010112519 A1 20101007

DOCDB simple family (application)

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